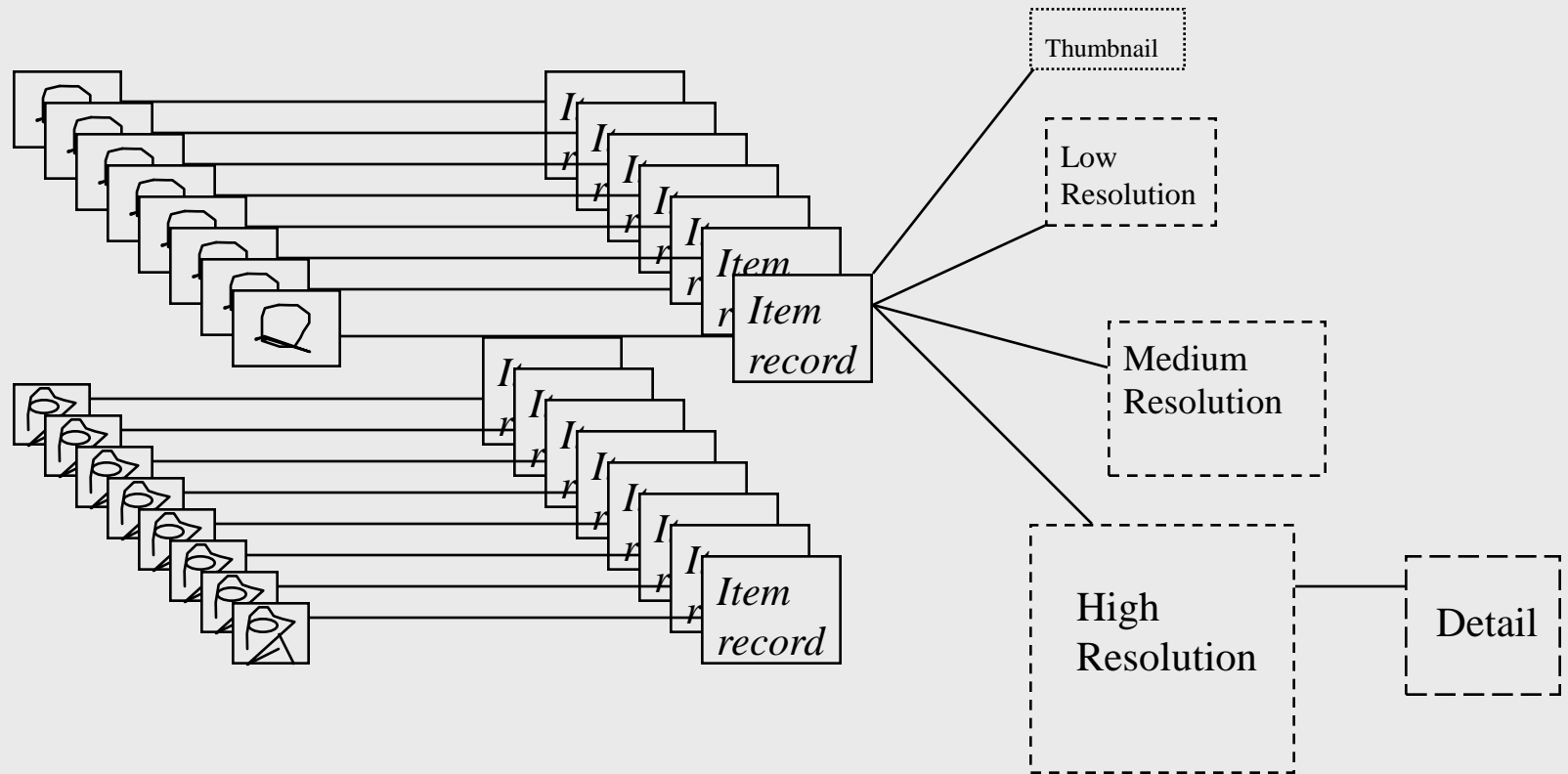


Image Metadata

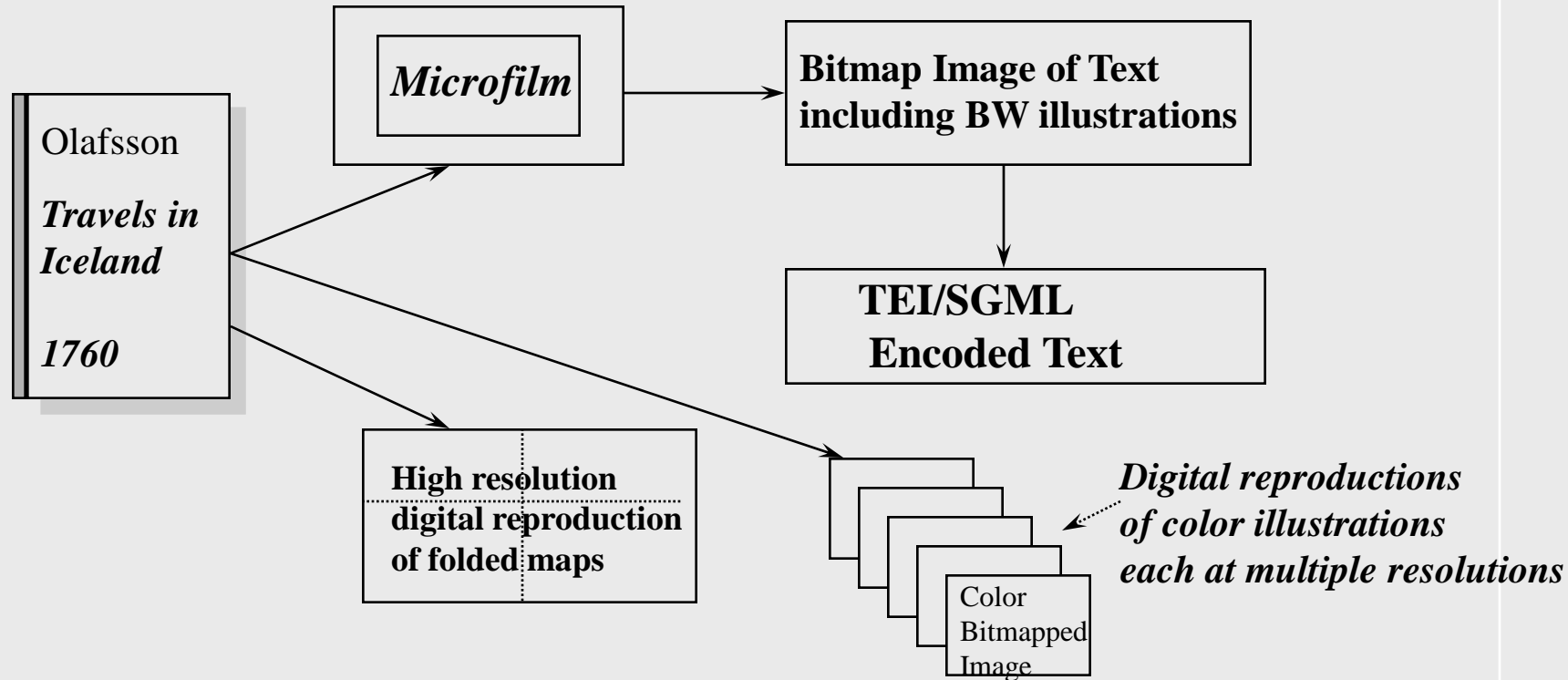
Desiderata for a manageable future

Stephen Paul Davis, Columbia University Libraries
ASIS 1996 Annual Meeting

Schematic Digital Image Collection



Complex Digital Object



Slide Set with Simple Hierarchy

Sullivan, Louis H.,1856-1924.

Auditorium Theater (Chicago, Ill.)[slide]

1887-1890.8 slides : col.

Photographers, Barry Bergdoll and Joseph Connors.

Sullivan, Louis H.,1856-1924.

Exterior view.

<http://www.columbia.edu/imaging/imagearchive/PCD404320240172/img0001>

Sullivan, Louis H.,1856-1924.

Detail of atts on side elevation.

<http://www.columbia.edu/imaging/imagearchive/PCD404320240172/img0002>

Sullivan, Louis H.,1856-1924.

Exterior view of tower.

<http://www.columbia.edu/imaging/imagearchive/PCD404320240172/img0003>

[etc.]

Desiderata

DATA ELEMENTS

- National/international data element registry
- Single maintenance agency
- Workable data element taxonomies
- Published standards for element inclusion
- Ongoing consideration of actual functional requirements for image metadata

Desiderata

CONTENT MODELS

- One or more generalizable content models
- Language for describing content models
- Working models for hierarchies, components and object relationships
- Designated maintenance agencies
- Rapt attention to private sector initiatives

Desiderata

DATABASE DESIGN

- Object-oriented, not just hierarchical
- Functionally integrated with legacy systems
- Client-server capable
- Web-capable
- Scalable & flexible
- Based on industry standards

Desiderata:

DB MANAGEMENT & APPLICATIONS

- Public access functions
 - (including license mgmt, secure commerce, authentication)
- Data creation & maintenance tools
 - Authority files, thesaurus support
 - Authority control, global change
 - Editing templates, productivity tools
- Scalable, open design, APIs, client apps

NEXT STEPS

- Experimentation
- Collaboration
- Constant reevaluation
- Partnerships with private sector
- Imagining the future

KEY DESIDERATUM

**NATIONAL DATA ELEMENT
REGISTRY**